

Translation of Reference 2 (JP-A-63-298681)

## Specification

## 1. Title of the Invention

Card Device

## 2. claim:

A card device, comprising: an information card; a card utilizing device for reading information about the information card; and detachable memory used and attached to the card utilizing device, wherein said detachable memory stores card list information, said card utilizing device has a function of collating a card number of the information card with the card list information.

## 3. Detailed Explanation of the Invention

## Field of Application in Industry

The present invention relates to a device for reading information about a magnetic card, an IC card, an IC memory card, a laser card, etc.

## Prior Art

A portable information card mainly used at present is a magnetic card. Recently, a replacement for a magnetic card is a large capacity IC card, a laser card, etc. In a place where a card utilizing device for reading the information contents of these cards exists, a card service is provided. For example, a card utilizing device which offers a credit service is shown in Figure 6 or 7.

In Figure 6, an information card 21 stores information and is owned by a service user. A typical information card 21 can be a

magnetic card, an IC card. A card utilizing device 22 is set in a store, etc. and reads information about the information card 21. An auxiliary storage device 23 is connected to the card utilizing device 22, and is used for a floppy disk device, etc. A card collating module 24 in the auxiliary storage device 23 determines whether or not the information card 21 corresponds to an accident card according to card list information.

In Figure 7, an information card 26 corresponds to the information card 21 shown in Figure 6. A card utilizing device 27 corresponds to the card utilizing device 22 shown in Figure 6. A host computer 28 centrally controls a card service. A card number transmitting module 29 transmits a card number of the information card 26 to the host computer 28. A card determining module 31 determines whether or not a transmitted card number is an accident card. A determination result receiving module 30 receives a determination result as to whether or not the information card 26 is an accident card.

When the configuration shown in Figure 6 is presented, the card utilizing device 22 reads a card number from the information card 21. Then, card list information is read from the auxiliary storage device 23 such as a floppy disk, a hard disk, a magnetic tape device, etc. to determine whether or not the card number corresponds to a number of an accident card. An accident card refers to an invalid card which has been determined by a credit service company as a stolen, lost, or subject to difficulty of a repayment by a card user. Then, the card collating module 24 in the card utilizing device 22 determines whether or not it is an accident card. If it is determined as an accident card, a card service is not received using the card. If it is determined that the card is not an accident card, a card service